SGCN and Habitat Stressors

Level 1 Threat Transportation and Service Corridors

Level 2 Threat: Shipping Lanes

Description: Transport on and in freshwater and ocean waterways

Species Associated With This Stressor:

Total SGCN: 1: 4 2: 4 3:

Class	*Actinopterygii* (Ray-finned Fishes)	SGCN Category
Species:	***Acipenser oxyrinchus*** (Atlantic Sturgeon)	**1**
Severity:	Moderate Severity	**Actionability:** Actionable with difficulty
Notes:	Sturgeon can be subject to ship strikes.	
Species:	***Acipenser brevirostrum*** (Shortnose Sturgeon)	**1**
Severity:	Moderate Severity	**Actionability:** Actionable with difficulty
Notes:	Ships can strike sturgeon and lead to mortality.	

Class	*Mammalia* (Mammals)	SGCN Category
Species:	***Balaenoptera musculus*** (Blue Whale)	**2**
Severity:	Moderate Severity	**Actionability:** Moderately actionable
Notes:	Large whales can be at risk for ship strikes. It has been shown with right whales in the past that great gains can be made by working with companies and government agencies to modify shipping lanes, put speed restrictions in place or create best practice protocols for areas known to be critical habitat	
Species:	***Balaenoptera physalus*** (Finback Whale)	**2**
Severity:	Moderate Severity	**Actionability:** Moderately actionable
Notes:	Large whales can be at risk for ship strikes. It has been shown with right whales in the past that great gains can be made by working with companies and government agencies to modify shipping lanes, put speed restrictions in place or create best practice protocols for areas known to be critical habitat	
Species:	***Megaptera novaeangliae*** (Humpback Whale)	**1**
Severity:	Moderate Severity	**Actionability:** Moderately actionable
Notes:	Large whales can be at risk for ship strikes. It has been shown with right whales in the past that great gains can be made by working with companies and government agencies to modify shipping lanes, put speed restrictions in place or create best practice protocols for areas known to be critical habitat	
Species:	***Eubalaena glacialis*** (North Atlantic Right Whale)	**1**
Severity:	Moderate Severity	**Actionability:** Moderately actionable
Notes:	Large whales can be at risk for ship strikes. It has been shown with right whales in the past that great gains can be made by working with companies and government agencies to modify shipping lanes, put speed restrictions in place or create best practice protocols for areas known to be critical habitat	
Species:	***Balaenoptera borealis*** (Sei Whale)	**2**
Severity:	Moderate Severity	**Actionability:** Moderately actionable
Notes:	Large whales can be at risk for ship strikes. It has been shown with right whales in the past that great gains can be made by working with companies and government agencies to modify shipping lanes, put speed restrictions in place or create best practice protocols for areas known to be critical habitat	
Species:	***Physeter macrocephalus*** (Sperm Whale)	**2**
Severity:	Moderate Severity	**Actionability:** Moderately actionable
Notes:	Large whales can be at risk for ship strikes. It has been shown with right whales in the past that great gains can be made by working with companies and government agencies to modify shipping lanes, put speed restrictions in place or create best practice protocols for areas known to be critical habitat	

Habitats Associated With This Stressor:

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Macrogroup Intertidal Gravel Shore

Habitat System Name: High Intertidal
Notes: Dredging associated with harbors

Habitat System Name: Lower Intertidal
Notes: Dredging associated with harbors

Habitat System Name: Mid-Intertidal
Notes: Dredging associated with harbors

Macrogroup Intertidal Mollusc Reefs

Habitat System Name: Gastropod Reef
Notes: Dredging associated with harbors

Habitat System Name: Mussel Reef
Notes: Dredging associated with harbors

Habitat System Name: Oyster Reef
Notes: Dredging associated with harbors

Macrogroup Intertidal Mudflat

Habitat System Name: Freshwater Tidal Marsh
Notes: Dredging associated with harbors

Habitat System Name: Non-Vascular Mudflat
Notes: Dredging associated with harbors

Habitat System Name: Submerged Aquatic Vegetation
Notes: Dredging associated with harbors

Macrogroup Intertidal Sandy Shore

Habitat System Name: Sand Beach
Notes: Dredging associated with harbors

Habitat System Name: Sand Flat
Notes: Dredging associated with harbors

Habitat System Name: Submerged Aquatic Vegetation
Notes: Dredging associated with harbors

Macrogroup Intertidal Tidal Marsh (peat-forming)

Habitat System Name: Acadian Coastal Salt Marsh
Notes: Dredging related impacts and associated sedimentation

Habitat System Name: Coastal Plain Tidal Marsh
Notes: Dredging related impacts and associated sedimentation

Macrogroup Intertidal Water Column

Habitat System Name: Confined Channel
Notes: Shipping and boating can result in fish and marine mammal mortality

Habitat System Name: Embayment
Notes: Shipping and boating can result in fish and marine mammal mortality

Habitat System Name: Exposed Shore
Notes: Shipping and boating can result in fish and marine mammal mortality

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Macrogroup Rocky Coast

Habitat System Name: Acadian-North Atlantic Rocky Coast
Notes: Oil/ gas spills from ships

Habitat System Name: North Atlantic Cobble Shore
Notes: Oil/ gas spills from ships

Macrogroup Subtidal Coarse Gravel Bottom

Habitat System Name: Coarse Gravel
Notes: Dredging associated with harbors

Habitat System Name: Erect Epifauna
Notes: Dredging associated with harbors

Habitat System Name: Kelp Bed
Notes: Dredging associated with harbors

Macrogroup Subtidal Mud Bottom

Habitat System Name: Submerged Aquatic Vegetation
Notes: Dredging associated with harbors

Habitat System Name: Unvegetated
Notes: Dredging associated with harbors

Macrogroup Subtidal Pelagic (Water Column)

Habitat System Name: Confined Channel
Notes: Animal-vessel strikes, associated pollution and waste-water discharge

Habitat System Name: Nearshore
Notes: Animal-vessel strikes, associated pollution and waste-water discharge

Habitat System Name: Offshore
Notes: Animal-vessel strikes, associated pollution and waste-water discharge

Habitat System Name: Upwelling Zones
Notes: Animal-vessel strikes, associated pollution and waste-water discharge

Macrogroup Subtidal Sand Bottom

Habitat System Name: Submerged Aquatic Vegetation
Notes: Dredging associated with harbor

Habitat System Name: Unvegetated
Notes: Dredging associated with harbor

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The Wildlife Action Plan was developed through a lengthy participatory process with state agencies, targeted conservation partners, and the general public. The Plan is non-regulatory. The species, stressors, and voluntary conservation actions identified in the Plan complement, but do not replace, existing work programs and priorities by state agencies and partners.